रजिस्ट्री सं० डीएल—33001/95

REGISTERED No. DL-33001/95

भारत का राजपत्र
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No. 49] NEW DELHI, SATURDAY, DECEMBER 9, 1995 (AGRAHAYANA 18, 1917)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE

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Calcutta, 09th December 1995.

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The States of Andhra Pradesh, Karnataka, Kerala, Tamilnadu and the Union Territories of Pondicherry, Laccadive, Minicoy and Amindivi Islands.

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"NIZAM PALACE", 2nd M.S.O.
Building, 5th, 6th and 7th Floor,
234/4, Acharya Jagadish Bose Road,
Calcutta-700020.

Rest of India.

Telegraphic address "PATENTS".

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

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पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कलकत्ता, दिनांक 9 दिसम्बर 1995

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडी इस्टेट,
तीसरा तल, लोअर परेल (पश्चिम),
बम्बई-400013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य
क्षेत्र एवं संघ शासित क्षेत्र गोआ दमन तथा
दीव एवं दादरा और नगर हवेली ।

तार पता—"पेटोफिसे"

पेटेंट कार्यालय शाखा,
कमरे सं. 401 से 405; तीसरा तल,
म्यूनिसिपलिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्र
एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली ।

तार पता—"पेटेंटोफिक"

पेटेंट कार्यालय शाखा,
61, बालाजाह रोड,
मद्रास-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य
क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप,
मिनिकाय तथा एमिनिदिवि द्वीप ।

तार पता—"पेटेंटोफिस"

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय एवं तृतीय कार्यालय,
भवन 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-700020 ।

भारत का अवशेष क्षेत्र ।

तार पता—"पेटेंटेम"

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन-पत्र, अनुलाग, वितरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे ।

टिप्पणी :—इनकी प्राप्तगणी या तो नकद की जाएगी अथवा उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा बैंक शाखा या उसी नगर/कस्बे में स्थित उपयुक्त कार्यालय अवस्थित है; उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है ।

APPLICATION FOR PATENT FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGDISH BOSE ROAD, CALCUTTA-20.

The dates shown in the crecent bracket are the date claimed under section 135, of the Patent Act, 1970.

06-09-1995.

1063/Cal/95. Daewoo Electronics Co. Ltd. Reset signal generation appparatus for use in a system employing a micro-computer and a SMPS.

1064/Cal/95. Das Display & Services (P) Ltd. Improvements in relating to transciver wireless apparatus.

1065/Cal/95. University of Georgia Research Foundation inc. (2) Yale University Compounds and methods for the treatment of cancer and method of preparing said compounds and pharmaceutical compositions therefrom. (Convention Nos. 08/301, 298; 08/390 633; on 6/9/94; 17/2/95 in U.S.A.).

07-09-1995.

1066/Cal/95. N.V. Philips' Gloeilampenfabrieken. A digital transmission system comprising a transmitter and a receiver. (Divided out of No. 20/Cal/91; antedated 4-1-91).

1067/Cal/95. Vtech Communications Ltd. Encoder apparatus and decoder apparatus for a television signal having tion No. 08/477,650 on 7/6/95: in U.S.A.). embedded viewer access control data. (Conven-

1068/Cal/95. 3-Dimensional pharmaceutical's Inc. System and and decoder apparatus for a television signal having

1068/Cal/95. 3-Dimensional pharmaceuticals Inc. System and method of authomatically generating chemical compounds with desired properties. (Convention No. 08/306,915 on 16-9-94; in U.S.).

08-09-1995

1069/Cal/95. Daewoo Electronics Co., Ltd. Projection-lens driving apparatus with a 3-Beam Projector.

1070/Cal/95. Daewoo Electronics Co., Ltd. Projection-lens driving apparatus wtih a timing belt.

1071/Cal/95. SKF Industrial Trading & Development Company B.V. Polymer thickened lubricating grease.

1072/Cal/95. Lachema, a.s. Method of performing confirmatory tests by fluorochrome substrates in indikators of fecal contamination or potentially pathogenic bacteria (Convention No. PV 2192-94; filed on 6-9-1994: in Czench Republic).

1073/Cal/95. Henort Pty. Ltd. A scalpel Blade remover. (Convention No. PM7980; on 9/9/94; in Australia).

11-09-1995.

1074/Cal/95. Daewoo Electronics Co., Ltd., Apparatus for encoding a contour of an object.

1075/Cal/95. Daewoo Electronics Co. Ltd. Projection lens driving apparatus for use in a 3-Beam projector.

1976/Cal/95. Ball Corporation. Improved end construction Drawn and ironed container.

1077/Cal/95. Philips Electronics N.V. A radio transmission system and a radio apparatus for use in such a system.

1078/Cal/95. Integrated Fire Protection Private Limited. A medium-expansion foam-water sprinkler.

1079/Cal/95. Lilly Industries Limited. Pharmaceutical Compounds. (Convention Nos. 9418526.6 & 9511166.2; on 12/9/94 & 2/6/95 in U.K.).

1080/Cal/95. Hindustan Controls & Equipment. A dispensing system.

1081/Cal/95. Great Lakes Chemicals Corporation. Process to produce tetrabromobisphenol with the reduced formation of alkyl bromide by-products. (Convention No. 08/368,351; on 4/1/95, in U.S.A.).

1082/Cal/95. Sumitomo Chemical Company, Limited. Arthropod repellent composition. (Convention Nos. 06-256776 & 07-155251; on 30/9/94 & 20-6-95; in Japan).

1083/Cal/95. Sumitomo Chemical Company Limited. A method for purifying O, S-Dimethyl N-Acetylphosphoramidothioate. (Convention No. 06-22/885; on 22-9-94; in Japan).

1084/Cal/95. General Electric Company. Atmospheric Gas burner having extended turndown. (Convention No. 08/315,803, filed on 30-9-94; in U.S.A.).

1085/Cal/95. Simens Aktiengesellschaft. Optical data Connection between adjacent subassemblies. (Convention No. P4434558.2; on 26/9/94; in Germany)

1086/Cal/95. Brooke Bond Lipton India Limited. Container handling apparatus.

1087/Cal/95. Ramesh Chander Nayar. Multifluid, Reversible Regeneration heating, combined cycle. (Convention No. 08/403,130; on 13/3/95; in U.S.A.).

12-09-1995.

1088/Cal/95. Innoval Management Limited. Method of obtaining Re-cycled water of high purity. (Convention No. 940100423; on 13/09/94; in Greece).

1089/Cal/95. Innoval Management Limited. Amethod for production of ethyl alcohol. (Convention No. 940100423, on 13/09/1994; in Greece).

1090/Cal/95.Gur Charan Saini. Lockable door fastening device.

1091/Cal/95. Hans Oetiker AG Machinen-und Apparatefabrik. Tolerance Compensating Reusable clamp structure.

1092/Cal/95. Unipath Limited. Monitoring methods and devices for use therein. (Convention Nos. 9419264.8 & 9419382.8 & 9501863.6; on 23/9/94 & 26/9/94 & 31/1/95; in United Kingdom respectively).

1093/Cal/95. Owens-Corning Fiberglas Corporation. Method and apparatus for forming composite strands. (Convention No. 08/311,817; on 26/9/94; U.S.A.)

1094/Cal/95. Emitec Gesellschaft fur Emissionstechnologie MBH. Method for producing a metal structure. (Convention No. P4432730.7; on 14/9/94; in Germany).

1095/Cal/95. Krupp Koppers G.M.B.H. A procedure for the production of a preproduct containing aromatic hydrocarbons for the Generation of aromatics from coking plant crude benzene. (Convention No. 94116707.4-2104 on 22-10-94; in EPO).

1096/Cal/95. Cronet-Werke GmbH. Toothbrush. (Convention No. P4435888.1; on 07/10/94; in Germany).

1097/Cal/95. Emitec Gesel'schaft fur emissionstechnologie mbh. Electrically heatable catalyst. (Convention No. P4434673.5; on 28/9/94; in Germany).

1098/Cal/95. Children's Hosiptal of Los Angeles. Therapeutic food composition and method to diminish blood sugar fluctuations.

1099/Cal/95. Quest International B. V. Improvments in or relating to insect repellent.

APPLICATIONS FOR PATENTS FILED IN THE PATENT OFFICE BRANCH, A TODI ESTATES, THIRD FLOOR, SUN MILL COMPOUND, LOWER PAREL (WEST) BOMBAY-13.

3-4-1995

156/Bom/1995. Filterwerk Mann & Hummel Gmbh. Differential pressure switch and/or indicator comprising an adjusting piston driven by a restoring spring, particularly for oil-separating air lines.

157/Bom/1995. Filterwerk Mann & Hummel Gmbh. Air filter, particularly for the intake air of an internal combustion engine.

4-4-1995

158/Bom/1995. Crane & Co., Inc. Security threads having at least two security detection features and security papers employing same.

5-4-1995

159/Bom/1995. Sitaramam Ventury. Process and formulations to enhance efficacy of antibiotics.

160/Bom/1995. Spinnereimaschinenbau Leisnig Gmbh. Combing machine with electric individual drives for several axles.

161/Bom/1995. Wash-Ball AG. Device for cleaning dirty objects, for example dirty textiles or dishes, charging device heretor & combination of these.

6-4-1995

162/Bom/1995. Shashikant Vithal Joshi Zeropathy.

163/Bom/1995. Spinnereimachinenbau Leisnig Gmbh. Arrangement for the synchronized driving of several axes n comoing machines.

164/Bom/1995. Dilip Shantaram Dahanukar. Process for manufacturing chilli Jam spread.

165/Bom/1995. Dilip Shantaram Dahanukar. Process for making frozen fruit dessert.

166/Bom/1995. Dilip Shantaram Dahanukar. Improved collapsible light trap.

7-4-1995

167/Bom/1995. Narayan Ramchandra Pawar. An improved power tiller.

168/Bom/1995. Mahendra Vasant Sapre. Improved instantly Auto retracting & positioning device using a high efficiency lead screw.

169/Bom/1995. Shashikant Krishnarao Bhide. The vaccume induced air operated colling system.

170/Bom/1995. Hindustan Lever Ltd. G. B. Priority dt. 7-4-94. Packets & their manufacture.

171/Bom/1995. Hindustan Lever Ltd., G. B. 3 Priorities all dt. 7-4-94. Fabric softening composition.

172/Bom/1995. Hindustan Lever Ltd., G. B. 3 Priorities all dt. 7-4-94. Fabric softening composition.

10-4-1995

173/Bom/1995. Manubhai Mathurbhai Patel & Gaurang Manubhai Patel. Electrical appliance for use in making & Roosting roti.

174/Bom/1995. Dilip Shantaram Dahanukar. Improved process for packing pulverized neem seed powder.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH 61, WALLAJAH ROAD, MADRAS-600 002.

17th July 1995.

898/Mas/95. Dalmia Centre for Biotechnology. Process of preparing purified azadirachtin in powder form from neem seeds and storage stable aqeous composition containing azadirachtin.

899/Mas/95. Pulla Ozias Sarvodaya. Tobacco less cigarette.

900/Mas/95. Bangalore Ranga Swamy Gunasheela. Light for automobiles

901/Mas/95. Hoechst Ceram Tec Aktiengesellschaft. Electric insulator made from silicone rubber for high-voltage applications.

902/Mas/95. Amsted Industries Incorporated. A non-contact railway wheel test apparatus and method.

903/Mas/95. Minpro Australia N.L. Vacuum assisted sieve screen deck. (July 18, 1994; Australia).

904/Mas/95. Montefibre SpA. Process for the production of modacrylic copolymers and acrylic copolymers thus obtained.

905/Mas/95. Heraeus Electro-Nite international NV. A sensor arrangement for temperature measurement.

18th July, 1995.

906/Mas/95. Gividi Italia S.P.A. Glass fabric produced with zero-twist yarn.

907/Mas/95. Robert Henry Abplanalp. Flexible barrier member useful in areosol dispensers (July 19, 1994; U.S.A.).

908/Mas/95. Henkel Corporations. Peoxwaa for making alkyl polyglycosides.

909/Mas/95. Henkel Corporation. Process for making high moisture content soap bars.

910/Mas/95. Mitsubishi Denki Kabushiki Kaisha. Clamping apparatus for a coil.

911/Mas/95. Applicator System AB.1 An apparatus for feeding one or more fibre threads.

912/Mas/95. Applicator System. Apparatus for cutting reinforcing fibre material.

913/Mas/95. Applicator System AB. An apparatus for feeding fibre thread pieces.

914/Mas/95. Michael F. Cox. Comfortable back brace with abdominal support.

19th July, 1995

915/Mas/95. Umesh Raichand Shoney. A clutch release bearing.

916/Mas95. Hoechst Aktiengesellschaft. Recombinant mersacidin and a mehod for production.

917/Mas/95. Ast Research, Inc. Constant power battery charger.

918/Mas/95. Mannesman Aktiengesellschaft. Method of controlling the temperature during the rolling of hot-rolled strip.

919/Mas/95. BASF Aktiensgesellschaft. Optical brightening of polyamides.

920/Mas/95. Hoogovens Groep BV. Process for electrochemically dissolving a metal such as zinc or tin.

921/Mas/95. Mitsubishi Jukogyo Kabushiki Kaisha. Wet process fluegas desulfurization apparatus.

922/Mas/95. Robert Henry Abplanalp. Flexible barrier member useful in aerosol dispensers. (July 19, 1994, U.S.A.)

923/Mas/95. Robert Henry Abplanalp. Flexible barrier member useful in aerosol dispensers. (July 19, 1995; U.S.A.).

924/Mas/95. Kabushiki Kaisha Kobe Seiko Sho and Osaka Gas Kabushiki Kaisha. A vaporizer for low temperature liquid.

925/Mas/95. Ludvig Svensson International B.V. Plan protection device with foldable waterproof plant protection curtain.

20th July, 1995.

926/Mas/95. Elkem A/S. Self-baking carbon electrode.

927/Mas/95. Maschinenfabrik Rieter AG. Thread transfer system.

928/Mas/95. Graf-EPE GmbH. Gas inlet for supplying gas to a container.

929/Mas/95. Owens-Brockway Glass Container Inc. . Method and apparatus for forming wire mouth glassware.

930/Mas/95. Merpro Tortex Ltd. Fluidising apparatus.

931/Mas/95. SMS Schloemann-Siemag Aktiengesellschaft. Light section rolling milk particularly wire rolling mill.

21st July, 1995.

932/Mas/95. Delta Circuit Protection & Controls Limited. Module for use with a circuit breaker. (July 23, 1994; Great Britain).

933/Mas/95. Delta Circuit Protection & Controls Ltd. Current imbalance sensor. (July 23, 1994; Great Britain).

934/Mas/95. AT/T Corp. A method of stabilizing the level of an audio signal in television broadcasting.

935/Mas/95. Robert Bosch GmbH. Multijet fuel injection nozzle.

936/Mas/95. Norton Chemical Process Products Corporation. Tower packing element.

ALTERATION OF DATE UNDERSECTION-16.

175979 (775/Cal/1992) antedated to 27th March, 1989.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month, applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice, or within one month of its date as prescribed in Rule-36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

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ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by two to get the charges as the copying charges per page is Rs. 2/-.

स्वीकृत सम्पूर्ण विनिर्देश

एतद्द्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार(4) महीने या अधिक ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व, पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदन एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकस्व का उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं । विरोध संबंधी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथाविहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रस्तुत विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं ।"

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय में पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अदायगी पर की जा सकती है । विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों में जोड़कर उसे 2 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है ।

CL : 206 E. 175971

Int. Cl. H 04 C 5/02

"DIGITAL TRANSMISSION SYSTEM."

Applicant : N. V. PHILIPS' GLOEILAMPENFABRIEKEN, A LIMITED LIABILITY COMPANY ORGANIZED AND ESTABLISHED UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS AT GROENEWOUDSEWEG 1, EINDHOVEN, THE NETHERLANDS.

Inventors : GERARDUS CORNELIS PETRUS LOKHOFF.

Application No. 438/Cal/90 filed on 28 May 1990.

Appropriate office for opposition proceedings (Rule 4 Patent Rule 1972) Patent Office, Calcutta.

17 Claims.

A digital transmission system comprising a transmitter and a receiver, for transmitting a wide-band digital signal of a specific sample frequency Fs, for example a digital audio signal via transmission medium, and for receiving said signal, the transmitter having an input terminal for receiving the wide-band digital signal, which input terminal is coupled to an input of a first converter circuit (1) which forms part of the transmitter and which is for generating a second digital signal and supply said signal to an output, which second digital signal comprises consecutive frames, each frame comprising a plurality of information packets each information packet comprising N bits, N being larger than 1, the receiver comprising a second converter circuit having an input for receiving the second digital signal, which second converter circuit has an output coupled to an output terminal to supply the wide-band digital signal, characterized in that the first converter circuit (1) comprises a frame generator (30) for generating frames including a number (B) of information packets, the number of information packets in the frames having a relation to a parameter P such that the number of informaion packets in the frames is equal to P if P is an integer, or, if P is not an integer the frame generator being adapted to cyclically generate a first number of frames and a second number of frames, the first number of frames having a number (B) of information packets that is equal to P', where P' is the next lower integer preceding P, and the second number of frames having a number of information packets that equals P'+1, the first and the second number being such that the average frame rate of the second digital signal should be substantially equal to F_s/n_s and where the value P equals

$$P = \frac{BR}{N} \times \frac{n_s}{F_s}$$

Where BR is the bit rate of the second digital signal, and N_s is the number of samples of the wide-band digital signal whose corresponding information, which belongs to the second digital signal, is included in one frame of the second digital signal, the arrangement further comprising a synchronization information generator (31) for generating synchronisation information, and a signal combining circuit (40) for inserting synchronization information into a first frame portion (FDI) of the frames.

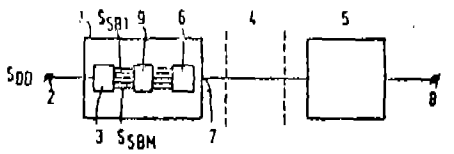


FIG.4

Compl. Specification. 48. Pages Drawings page : 10 sheets.

Cl. 23 B 175972

Int. Cl. B 65 D 90/32.

"PACKAGE FOR TRANPORTING AND STORING BULK GOODS."

Applicant . GERARDUS ANTHONIUS MARIA BOOTS OF BOSRIEK 72,5401 LP UDEN, THE NETHERLANDS, A CITIZEN OF THE NETHERLANDS.

Inventors : GERARDUS ANTHONIUS MARIA BOOTHS.

Application No. 441/Cal/1990; filed on 28 May 1990.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

10 Claims.

A package for transporting and storing bulk goods, said package (10) comprising an outer package (11) and an inner package (12), characterized in that the inner package (12) comprises an outer frame (13) and an inner frame (14), these being at least partly attached to each other, and that when the package is filled the length of the outer

frame (13) of the inner package (12) is greater than the length of the inner frame of the outer package (11), and the length of the inner frame (14) of the inner package (12) is smaller than the length of the inner frame of the outer package (11), whereby the internal pressure (P_1) prevailing in the package (10) is received as tension force (F_2) acting on the frame of the outer package (11) said force producing a resultant force (F_3) acting from the corners of the outer package (11) on the package (10), said resultant force (F_3) reducing the tensions prevailing in the inner package (12) in that the juncture points (19) of the inner frame (14) and the outer frame (13) of the inner package (12) are substantially free of stresses.

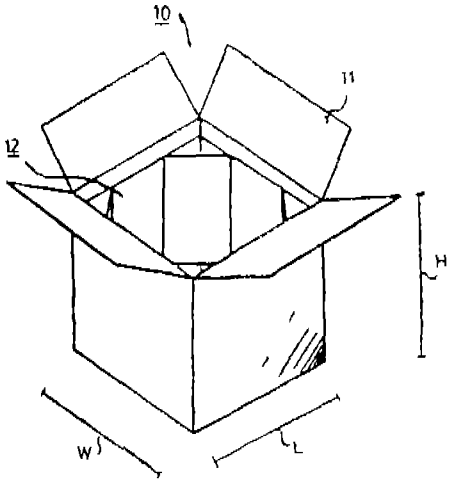


FIG. 1

Compl. Specification 14. Pages. Drawings page : 03 sheets

Cl. : 194 C-1 175973

Int. Cl. H 01 J 29/10.

"AN APPARATUS AND METHOD FOR MANUFACTURING A SCREEN ASSEMBLY FOR A CRT UTILIZING A GRID-DEVELOPING ELECTRODE."

Applicant : RCA LICENSING CORPORATION, A CORPORATION DULY ORGANIZED UNDER THE LAWS OF THE STATE OF DELAWARE. UNITED STATES OF AMERICA OF WO INDEPENDENCE WAY PRINCETON, NEW JERSEY 08540, UNITED STATES OF AMERICA.

Inventors : (1) PABITRA DATTA. (2) RANDALL EVGENE MCCOY. (3) RONALD NORMAN FRIEL. (4) JOHN A. VANRAALTE. (5) WILBER CLARENCE STEWART.

Application No. 738/Cal/90; filed on 27-8-90.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

6 Claims.

An apparatus for electrophotographically manufacturing a luminescent screen assembly on a substrate, for use within a CRT, said substrate having a conductive layer in contact therewith and an overcoating of a photoconductive layer having a latent image established theron and producing a latent image field adjacent thereto, said apparatus including means for developing said latent image on said photoconductive layer with a dry-powdered, triboelectrically charged screen structure material such as herein described and a grid-developing mesh electrode spaced from said photoconductive layer by a distance which is atleast twice the lateral period of the openings in the mesh, said electrode having means for being electrically biased with a suitable potential to influence the deposition of said charged screen structure material onto said photoconductive layer.

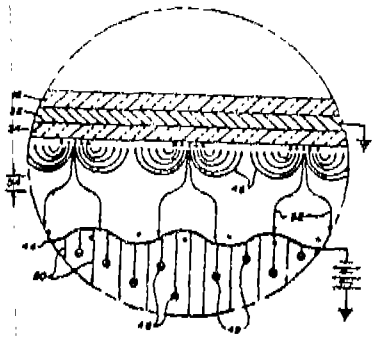


Fig. 5

Compl. Spcn. 21 Pages, Drawings 05 Sheets.

Cl. 36 B 1(XLIV-1) 17594

Int. Cl. F 04 D 3/00.

"VERTICAL SHAFT PUMP".

Applicant : HITACHI, LTD., A CORPORATION ORGANIZED UNDER THE LAWS OF JAPAN, OF 6, KANADA, SURUGADAI 4-CHOME, CHIYODA-KU TOKYO, JAPAN.

Inventors : (1) YOSHIHIKO YOSHIKAWA. (2) SHIZUICHI SAKAMOTO. (3) SUMIO SUDO.

Application No. 745/Cal/90; dated 28-08-1990.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

18 Claims.

A vertical shaft pump for use in a pump pit said pump comprising :

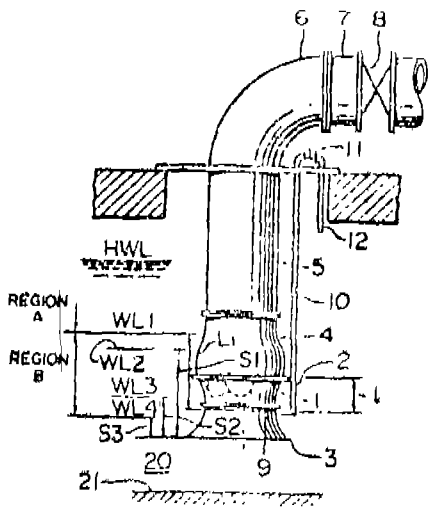
a pump casing having a suction opening;

an impeller disposed in said pump casing below a position corresponding to the lowest water level in said pump pit below when said pump starts to suck air through said suction opening during and operation;

a plurality of air intake ports provided in said pump casing at a position below said impeller with equal intervals in the circumferential direction of said pump casing; and

intake pipe means for communicating said air intake ports with the atmosphere.

FIG. 1



Compl. Specification : 29 Pages Drawings page : 06 Sheets.

Cl. 90(1) 175975

Int. Cl. C 03 C 4/08.

"A PROCESS FOR MANUFACTURE OF GREEN-COLOURED, INFRA-RED ENERGY AND ULTRA-RADIATION."

Applicant : LIBBEY-OWENS-FORD CO. A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATE OF DELAWARE, RESIDING AT 811 MADISON AVENUE TOLEDO, OHIO 43695 UNITED STATES OF AMERICA.

Inventors : J. JOSEPH CHENG.

Application No. 960/Cal/90; dated 14-11-1990.

Appropriate Office for Opposition Proceedings Rule 4, Patent Rule 1972) Patent Office, Calcutta.

09 Claims

A process for manufacture of greencoloured, infra-red energy and ultra-violet radiation absorbing soda-lime silica glass comprising :

(a) mixing alongwith conventional soda-lime-silica glass batch ingredients essentially from 0.63 to 1.29 wt% total iron as Fe_2O_3 and from 0.2 to 1.4wt% Ce 02, with a carbonaceous reducing agent.

(b) melting the mix of (a) above followed by

(c) casting by conventional technique to produce said green-coloured infra-red energy and ultra-violet radiation absorbing glass.

Compl. Specification-21. Pages Drawings page : Nil.

Cl. 144A. 175976

Int. Cl. : B 28 B 11/06.

"A METHOD OF UNIFORMLY COATING A CERAMIC OR METAL HONEY COMB MEMBER WITH AN AMOUNT OF SOLID PARTICLES FROM A COATING DISPERSION/SLURRY."

Applicant : DEGUSSA AKTIENGESELLSCHAFT. OF 6000 FANKFURT AM MAIN. WEISSFRAUENSTRASSE 9, FEDERAL REPUBLIC OF GERMANY.

Inventors : (1) FELIX SCHMIDT,
(2) WILFRED BAUMGARTNER,
(3) REINHARD MANNER,
(4) GERHARD BIRTIGH,
(5) DITTRICH TWARD.

Application No. 158/Cal/1991, filed on 20th February, 1991.

Appropriate office for opposition Proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

One claim.

A method of uniformly coating a ceramic or metal honeycomb member with an amount of solid particles from an aqueous coating dispersion/slurry of finely divided oxides the quantity at a given constant density of said aqueous coating disperson being below the quantity occurring at equilibrium between the honeycomb members and the said aqueous coating dispersion, characterised in that the honeycomb member is inserted in a vertical similarly-shaped immersion chamber having at least one inflatable seal for sealing the immersion chamber, the said dispersion slurry is pumped into it from below, the dispersion is pumped out after a holding time, and after breaking the seal or seals the honeycomb member is taken out of the immersion chamber and freed from excess dispersion by blowing out or suction, the charging time the amount of charge, the holding time when flooded the pumping time and the time between pumping - out, blowing - out or evacuation by suction being adjusted, depending on the amount of solid particles to be absorbed so that in order to increase the amount of solid particles the charging time, the holding time, the pumping - out time and the time between pumping - out, blowing out or evacuation by suction is increased whereas the amount of charge is reduced, these steps being applicable individually or in any desired combination.

Compl. specn. 25 pages. Drgns. 7 sheets.

Cl. 32 (F-4) 175977.

Int. Cl.[5] : C 07 D 521/00.

"A PROCESS FOR THE PREPARATION OF NOVEL CHIRAL 2, 5-DISUBSTITUTED PHOSPHOLANES".

Applicant : E. I. DU PONT DE NEMOURS AND COMPANY. WILMINGTON, DELAWARE, UNITED STATES OF AMERICA.

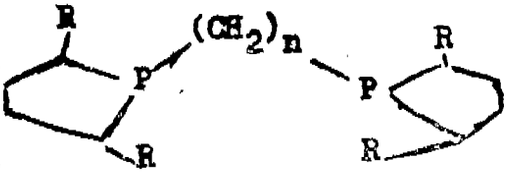
Inventor : MARK JOSEPH BURK.

Application No. 308/Cal/1991; filed on 23rd April, 1991.

Appropriate office for opposition Proceedings (Rule 4, Patent rule 1972) Patent office, Calcutta.

4 claims.

A process for the preparation of a nevol, chiral 2 5-disubstituted phospholanes compound of formula

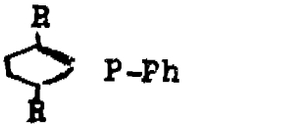


I

wherin R is a lower alkyl, trifluoromethyl, phenyl, substituted phenyl, aralkyl or ring-substituted aralkyl; and

n is a integer of 1 to 12;

comprising reacting a phenyl substituted phospholane of formula III



III

wherin R is defined as in formula I, with lithium and either (1) a dihalo compound of the formula

$$X - (CH_2)_n - X$$

wherein X is halogen and n is an integer from 1 to 12, or (2) a comound of the formula

$$R'O - (CH_2)_n - OR'$$

wherein R O or OR are methanesulfonate, trifluoromethanesulfonate, or p-toluenesulfonate and n is an integer from 1 to 12, to yield the desired compound of formula I.

Compl. specn. 26 pages. Drgns. Nil.

Cl. 108 - B-2 (2) 175978.

Int. Cl. C 21 B 13/14.

"PROCESS FOR PRODUCING PIG IRON OR SPONGE IRON".

Applicant : VOEST-ALPINE INDUSTRIEANLAGENBAU GESELLSCHAFT M.B.H. OF TURMSTRASSE 44 4020 LINZ, AUSTRIA.

Inventors (1) DR. ROLF HAUK, (2) DR. LEOPOLD-WERNER KEPPLINGER.

Application No. 743/Cal/1991; filed on 04th October, 1991.

Appropriate office for opposition Proceedings (Rule 4, Patent rule 1972) Patent office, Calcutta.

12 claims.

Process for producing pig iron or sponge iron, in which iron-containing raw materials are reduced in a reducing shaft furnace in the presence of reducing gas obtained in a melting gasifier to sponge iron, the sponge iron obtained is melted in a melting gasified accompanied by the supply of a solid carbon carrier, oxygen or O_2-containing gases and the blast furnace gas from the reducing shaft furnace, optionally freed from oxidizing constitutents (CO_2 and H_2O) is at least partly supplied to a heat exchanger and supplied as reducing gas to the reducing shaft furnace, characterized in that the blast furname gas freed from oxidizing constituents and preheated x in the heat exchanger to 200 to 500°C is heated to a reducing temperature of 750 to 850°C by a partial combustion and accompanied by the addition of oxygen and is supplied to the reducing shaft furnace (1) or a further reducing shaft furnace (15).

Compl. specn. 10 pages. Drngs. 4 sheets

Cl. 201, C 175979,

Int. Cl.[4] C 02 F 3/32.

"A FLOATING AQUATIC PLANT CONTAINMENT SYSTEM".

Applicant : THE LEMNA CORPORATION OF 1408 NORTHLAND DRIVE 102, MEADOTA HEIGHTS MINNESOTA 55120, UNITED STATES OF AMERICA.

Inventors : (1) VIET HUNG NGO, (2) WARREN DAVID POOLE, (3) SEAOR JERONE HANCOCK (4) TIMOTHY THOMAS FRANCE.

Application No. 775/Cal/1992; filed on 22nd October, 1992.

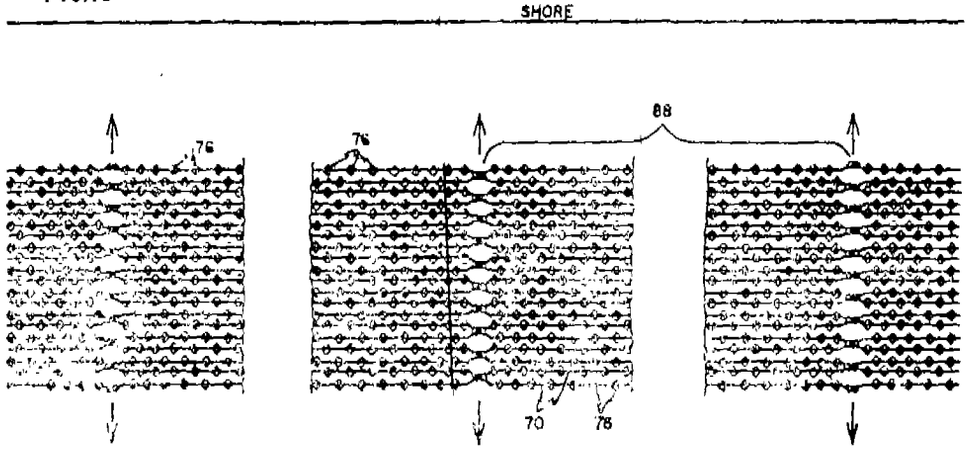
(Divided out of No. 236/Cal/1989, dated 27th March, 1989).

Appropriate office for opposition Proceedings (Rule 4, Patent rule 1972) Patent office, Calcutta.

4 claims.

A floating aquatic plant containment system comprising : floating barrier segments connected in a floating grid structure, wherein the barrier segments have end portions, with meshing fingers having apertures therethrough, and wherein the barrier segments are connected to an adjacent barrier segment by a hollow connecting tube inserted through the apertures in the meshing fingers to form a Z-fold bundle and wherein the Z-fold bundles are connected to adjacent Z-fold bundles by U-bolt inserterd through the hollow connecting tubes of the Z-fold bundle and the adjacent Z-fold bundles, so that a grid structure is created by unfolding the connected Z-fold bundles.

FIG.13



Compl. specn. 23 pages. Drgns. 13 sheets.

Cl. 83 A 2 175980.

Int. Cl.[4] A 23 C 3/08.

"A METHOD OF PREPARING ULTRA HIGH TEMPERATURE PROCESSED SWEETENED CONDENSED MILK FROM MIXED (COW AND BUFFALO) MILK WHICH REMAINS STABLE AT AMBIENT TEMPERATURE FOR A CONSIDERABLE PERIOD".

Applicant : (1) DR. (MS.) AMRITA PATEL, OF BLOCK DK, SECTOR II, SALT LAKE CITY, CALCUTTA-700091, WEST BENGAL, INDIA AND (2) NATIONAL DAIRY DEVELOPMENT BOARD, OF CITY OF ANAND, STATE OF GUJARAT, INDIA.

Inventors : (1) DR. DINESH KUMAR SHARMA, and (2) MANI KOTH PRASANTH.

Application No. 332/Cal/1993; filed on 15th June, 1993.

Appropriate office for opposition Proceedings (Rule 4, Patent rule 1972) Patent office, Calcutta.

13 claims.

A method of preparing ultra high temperature processed sweetened condensed milk which remains stable at ambient temperature for a considerable period (say about 12 weeks), the said method comprising :

(a) subjecting the standardised mixed milk known in the art), of cow and the buffalo to ultra high temperature (at 143°—1°C) for 7 to 8 seconds, and to simultaneous homogenisation thereof at 150 bar in the first stage and at 50 bar in the second stage,

(b) concentrating the milk, so processed in step (a), under vacuum, to yield solids level of 40 to 42%;

(c) cooling the concentrated milk, obtained from step (b) to a tempera ure of 25° to 30°C followed by standardisation of the cooled concentrated milk, under agitation andat the said temperatre range of 25° to 30°C, with addition of stabilising salts and stabiliser, such as herein described, and required quantity of sugar and water, to obtain standardised sweetened condensed milk;

(d) processing the condensed milk, obtained from step (c), in a ultra high temperature processor having a pre-steriliser section where the condensed milk is heated at 45°C to 50°C, an upstream section where the condensed milk, so heated is homogenised at 100 bar, held at 143°±1°C and downstream section where the said condensed milk is homogenised at 30 bar; and

(e) cooling the processed condensed milk, so obtained from step (d), 35° to 37°C, followed by packing of the same, as desired.

Compl. specn. 16 pages. Drgns. Nil.

RENEWAL FEES PAID

155980 157943 158061 158814 159018 159287 159705 159856 159994 160502 160560 160892 160949 161202 161422 162098 162110 162875 162900 163107 163182 163337 163435 163642 163811 163822 164178 165516 166097 166098 166099 166149 166188 166284 166655 166733 166734 166881 167670 167734 167937 168051 168051 168052 168292 168540 169123 169129 169137 169147 169189 169191 169571 169550 169887 170203 170341 170343 170345 170388 170437 170438 170623 170653 170747 170907 170908 171233 171648 171790 172286 172287 172289 172320 172326 172333 172361 172364 172365 172407 172587 172598 172965 173088 173756 173892 174191 174192 174200 174257 174291 174295 174297 174299 174363.

PATENT SEALED ON 10-11-95.

169182* 172874*F 173815 175040* 175044 175052* 175063 175064 175065 175066 175067 175068 175070*F 175072 175073 175074 175075* 175076 175077 175078 175079*D 175080ID 175081 175082 175083 175084* 175085 175087 175088 175089 175080.

Cal-03, Del-Nil, Bom-Nil, Mas-28.

*Patent shall be deemed to be endorsed with the words LICENCE OF RIGHT Section 87 of Patents Act, 1970 from the date of expiration of three years from the date of sealing

D-Drug F-Food.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for Period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 3. No. 167707 to 167709, Eagle Flask Industries Limited, having its office at Eagle Estate, Talegaon 410507, District : Pune, Maharashtra, India, "WATER CARRIER", 27th June 1994.

Class 3. No. 168417, Eastern Medikit Ltd. an Indian company incorporated under the Indian companies Act, N 22, Greater Kailash Part I New Delhi India, "INSULIN JECTION", 23rd November 1994.

Class 3. No. 168418 Eastern Medikit Ltd., an Indian company incorporated under the Indian companies Act, N 22, Greater Kailash Part I New Delhi, India, "I.V. CANNULA WITH CAPPED AND ELEVATED PORT", 23rd November 1994.

Class 3. No. 168419, Eastern Medikit Ltd., an Indian company incorporated under the Indian Companies Act, N 22, Greater Kailash Part I, New Delhi, India "I. V. CANNULA", 23rd November 1994.

Class 3. No. 168709, Elesa S.p.a., of via G. Pascoli 21, 20129 Milano, Italy, an Italian Company, "A DIGITAL POSITION INDICATOR", 31st January 1995.

Class 3. No. 168710, Elesa S.p.a., of via G. Pascoli 21, 20129 Milano: Italy an Italian Company, "AN ADJUSTABLE HANDLE", 31st January 1995.

Class 3. H. No. 168711, Elesa S.p.a., of via G. Pascoli 21, 20129 Milano, Italy, an Itlian Company, "A LOBE KNOB", 31st Janary 1995.

Class 3. H. No. 168712, Elesa S.p.a. of via G. Pascoli 21, 20129 Milano, Italy, an Italian Company "HANDWHEEL WITH DIAL INDICATOR", 31st January 1995

Class 3. H. No. 168713, Elesa S.p.a. of via G. Pascoli 21, 20129 Milano, Italy, an Italian Company "T-SHAPED HANDLE", 31st January 1995.

Class 4. No. 169128 to 169134 MONROE CHEMICALS, 3/8, Nemai Bose Lane, Cal-6, W.B., India, Indian partnership firm, whose partners are 1. Srinivas Daga and 2. Narendra Kumar Daga, Indian "BOTTLE", 5th May 1995.

Class 10. No. 168747, 168751 & 168752, Bata India Limited, 30, Shakespeare Sarani, Calcutta-17, W. Bengal, "A FOOTWEAR", 3rd February 1995.

Class 10. No. 168740 to 168742, Bata India Limited, 30, Shakespeare Sarani, Calcutta-17, W. Bengal, India, "A SOLE FOR THE FOOTWEAR", 3rd February 1995.

R. A. ACHARYA
Controller General of Patent, Design & Trade Marks

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